



Datasheet for ABIN6720229

## IL-20 ELISA Kit



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	1 kit
Target:	IL-20 (IL20)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

#### Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: Cytokine Zcyto10, Four alpha helix cytokine, IL-20, IL10D, IL20, IL20_HUMAN, Interleukin 20, Interleukin-20, MGC96907, UNQ852/PRO1801, ZCYTO10</p> <p>Background: Interleukin-20(IL-20) is a protein belonging to the IL-10 family of cytokines. IL-20 is produced by activated keratinocytes and monocytes and transmits an intracellular signal through two distinct cell-surface receptor complexes on keratinocytes and other epithelial cells. By radiation hybrid analysis, the IL20 gene was mapped to chromosome 1q32, where it is tightly linked to the IL10, IL19, and MDA7 genes within a 195-kb region, the IL10 family cytokine cluster. IL-20 regulates proliferation and differentiation of keratinocytes during inflammation,</p>

## Product Details

---

particularly inflammation associated with the skin. In addition, IL-20 also causes cell expansion of multipotential hematopoietic progenitor cells.

Gene Name: IL20

Production: Natural and recombinant human IL-20. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: E.coli, Immunogen sequence: L25-E176

## Target Details

---

Target: IL-20 (IL20)

Alternative Name: IL-20 ([IL20 Products](#))

Gene ID: 50604

NCBI Accession: [NP\\_061194](#)

UniProt: [Q9NYY1](#)

Pathways: [Protein targeting to Nucleus](#)

## Application Details

---

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 4000pg/mL, 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL human IL-20 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each human IL-20 standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 62.5pg/mL-4000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

## Handling

---

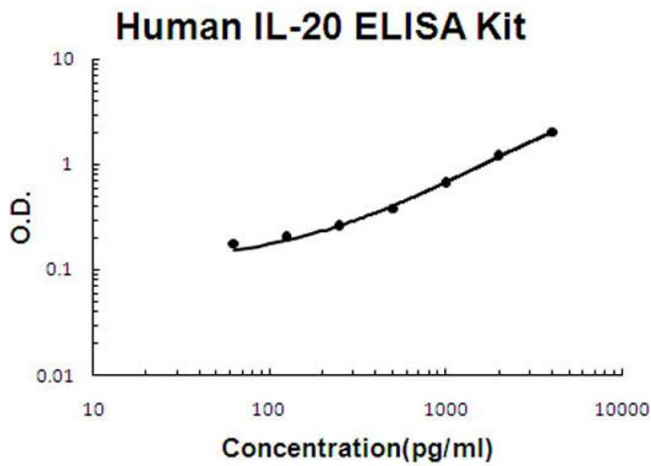
Storage: RT,4 °C,-20 °C

---

## Handling

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

## Images



### ELISA

**Image 1.** Human IL-20 Accusignal ELISA Kit Description  
Human IL-20 AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml. Human IL-20 AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.